

IN THE CLAIMS:

Please amend Claim 6 to read:

*a*²

6. (Amended) The method of Claim 3 where the mammal is human.

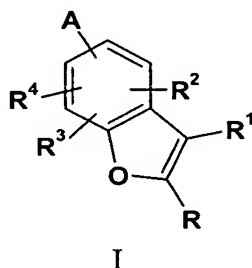
Please add the following new Claims:

*a*³

7. (new) The method of Claim 4 where the mammal is human.

8. (new) The method of Claim 5 where the mammal is human.

9. (new) A method for the treatment of obsessive compulsive disorder in mammals, comprising administering to a mammal in need of such treatment an effective amount of a compound of Formula I:



where:

R is hydrogen, halo, trifluoromethyl or C₁-C₆ alkyl;

R¹ is hydrogen, halo, trifluoromethyl, phenyl, or C₁-C₆ alkyl;

R², R³, and R⁴ are independently hydrogen, halo, trifluoromethyl, cyano, C₁-C₄ alkoxy, C₁-C₄ alkoxycarbonyl, C₁-C₆ alkyl, C₁-C₆ alkyl substituted with a substituent selected from the group consisting of C₁-C₄ alkoxy and hydroxy, or -C(O)NHR⁹;

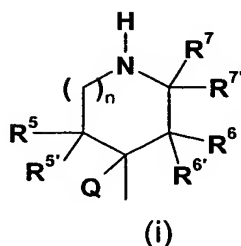
R⁹ is C₁-C₈ alkyl where the alkyl chain is optionally substituted with a substituent selected from the group consisting of phenyl and pyridyl;

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A is attached at either the 4- or 7-position of the benzofuran nucleus and is an amine of formula:

Q³



n is 0, 1, or 2;

R⁵, R⁶, and R⁷ are independently hydrogen or C₁-C₄ alkyl;

Q is hydrogen;

R^{5'} is hydrogen or methyl, provided that R^{5'} may be methyl only when R⁵ is other than hydrogen, or R^{5'} and Q taken together with the carbon atoms to which they are attached form a double bond;

R^{6'} is hydrogen or methyl, provided that R^{6'} may be methyl only when R⁶ is other than hydrogen, or R^{6'} and Q taken together with the carbon atoms to which they are attached form a double bond;

R^{7'} is hydrogen or methyl, provided that R^{7'} may be methyl only when R⁷ is other than hydrogen;

or pharmaceutically acceptable acid addition salts thereof subject to the following provisos:

a) when n is 1 or 2, at least one of R⁵, R⁶, and R⁷, must be other than hydrogen; and

b) no more than two of R⁵, R^{5'}, R⁶, R^{6'}, R⁷, and R^{7'} may be other than hydrogen.

10. (new) The method of Claim 9 where the mammal is human.

11. (new) A compound of Claim ~~1~~ where A is attached at the 7-position of the benzofuran nucleus.

12. (new) A compound according to Claim ~~11~~ where Q is hydrogen.

13. (new) A compound according to Claim ~~12~~ where R^6 is C_1 - C_4 alkyl and R^5 , $R^{5'}$, R^7 and $R^{7'}$ are each hydrogen.

14. (new) A compound according to Claim ~~13~~ where $R^{6'}$ is hydrogen, and R^6 and the benzofuran core are in the cis configuration with regard to each other.

15. (new) A compound according to Claim ~~13~~ where R^6 is methyl.

16. (new) A compound according to Claim ~~13~~ where $R^{6'}$ is methyl.

17. (new) A compound according to Claim ~~15~~ which is 3-methyl-4-(benzofur-7-yl)-piperidine, 3-methyl-4-(5-fluorobenzofur-7-yl)-piperidine, 3-methyl-4-(6-fluorobenzofur-7-yl)-piperidine, or 3-methyl-4-(5,6-difluorobenzofur-7-yl)-piperidine.

18. (new) A compound according to Claim ~~11~~ where one of $R^{5'}$ and Q, or $R^{6'}$ and Q, taken together with the carbon atoms to which they are attached form a double bond.

19. (new) A compound according to Claim ~~18~~ where of $R^{5'}$ and Q, taken together with the carbon atoms to which they are attached form a double bond, R^6 is C_1 - C_4 alkyl, and $R^{6'}$ is methyl.

20. (new) A compound according to Claim ~~18~~ which is 2-methyl-4-(4-trifluoromethylbenzofur-7-yl)-1,2,3,6-tetrahydropyridine.